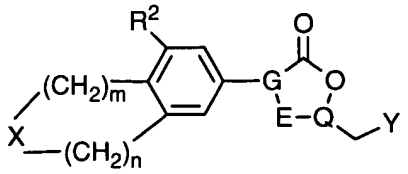
LISTING OF CLAIMS

CLAIMS

We claim:

1. (Currently amended): A compound of formula I



I

or a pharmaceutically acceptable salt thereof wherein

Y is

a) $-NHC(=W)R^1$,

b) -O-het, -S-het, or -NH-het;

X is

a) ~~$-NR^3-$,~~

a) -O-,

b) $-S(=O)_i-$, or

c) $-S(=O)(=NR^4)-$;

W is

a) O, or

b) S;

R^1 is

a) H,

b) C_{1-8}alkyl,

c) C_{3-6}cycloalkyl,

d) OC_{1-4} alkyl,

e) SC_{1-4} alkyl,

f) NH_2,

g) NHC_{1-6} alkyl, or

h) $N(C_{1-6}$ alkyl$)_2$;

R^2 is

a) H,

b) halo, or

c) C_{1-4} alkyl;

R^3 is

a) H,

b) C_{1-8}alkyl,

c) aryl,

d) het,

e) $C(=W)R^5$,

f) $C(=O)OR^6$, or

g) $S(=O)_iR^7$;

R^4 is

a) H, or

b) C_{1-8}alkyl;

R^5 is

a) H,

b) aryl,

c) het,

d) NR^8R^9, or

e) C_{1-8}alkyl;

R^6 is

a) C_{1-8}alkyl,

b) aryl, or

c) het;

R^7 is

a) aryl,

b) het,

c) NR^8R^9, or

d) C_{1-8}alkyl;

R^8 and R^9 are independently

a) H,

b) C_{1-8}alkyl, or

c) aryl;

wherein >G-E is >C=C- and Q is a nitrogen atom;

aryl is a phenyl radical or an ortho-fused bicyclic carbocyclic radical wherein at least one ring is aromatic;

het is a C-linked five- (5) or six- (6) membered saturated or unsaturated heterocyclic ring having 1, 2, or 3 heteroatoms selected from the group consisting of oxygen, sulfur, and nitrogen, which is optionally fused to a benzene ring;

at each occurrence, alkyl or cycloalkyl is optionally substituted with one or more OR^8, halo, aryl, $S(=O)_iR^7$, $C(=W)R^8$, $OC(=O)C_{1-6}$alkyl, or NR^8R^9;

at each occurrence, aryl is optionally substituted with one or more halo, OH, CF_3, OC_{1-6}alkyl, CN, C_{1-6} alkyl, $S(=O)_iR^7$, $C(=W)R^8$, $OC(=O)R^8$, $NHC(=O)R^8$, or NR^8R^9;

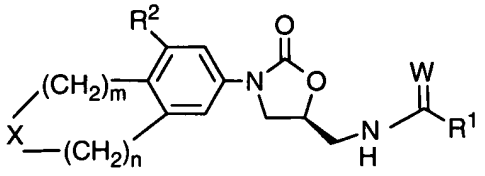
at each occurrence, het is optionally substituted with one or more halo, OH, CF_3, OC_{1-6}alkyl, CN, C_{1-6} alkyl, $S(=O)_iR^7$, $C(=W)R^8$, $OC(=O)R^8$, $NHC(=O)R^8$, or NR^8R^9, oxo, or oxime;

m is 0, 1, 3, or 4;

n is 0, 1, 3, or 4; with the proviso that m and n taken together are 3 or 4; if m is 2 n is not 2, and if n is 2 m is not 2; and

i is 0, 1, or 2.

2. (original): A compound of claim 1 which is a compound of formula IA:



IA.

3. (original): A compound of claim 2 wherein R^2 is H.

4. (original): A compound of claim 2 wherein R^1 is C_{1-6}alkyl.

5. (original): A compound of claim 2 wherein R^1 is methyl.

6. (original): A compound of claim 4 wherein R^3 is $C(=O)R^5$, or $C(=O)OR^5$.

7. (original): A compound of claim 4 wherein R^3 is $C(=O)CH_2OH$.

8. (original): A compound of claim 4 wherein R^3 is CHO.

9. (original): A compound of claim 4 wherein R^5 is C_{1-4}alkyl, optionally substituted with $C(=O)C_{1-4}$alkyl, $OC(=O)C_{1-4}$alkyl, C(=O)phenyl, or phenyl, wherein said phenyl is optionally substituted with I, or CF_3.

10. (original): A compound of claim 4 wherein R^5 is phenyl.

11. (original): A compound of claim 4 wherein R^3 is $C(=S)R^5$, wherein R^5 is aryl, alkyl or NR^8R^9, wherein R^8 and R^9 are independently H, C_{1-4}alkyl or aryl.

12. (original): A compound of claim 4 wherein R^3 is $S(=O)_iC_{1-4}$alkyl,

13. (original): A compound of claim 4 wherein R^3 is H, C_{1-8}alkyl, or aryl, .

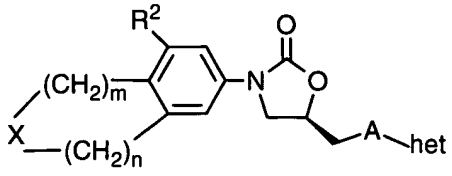
14. (original): A compound of claim 4 or 6 wherein m is 1 and n is 3.

15. (original): A compound of claim 4 or 6 wherein m is 0 and n is 4.

16. (original): A compound of claim 4 or 6 wherein m is 1 and n is 2.

17. (original): A compound of claim 4 or 6 wherein m is 2 and n is 1.

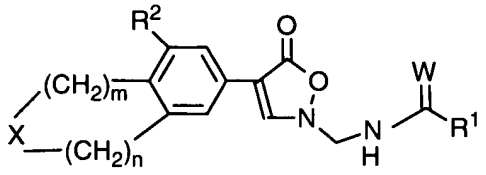
18. (original): A compound of claim 1 which is a compound of formula IB:



IB

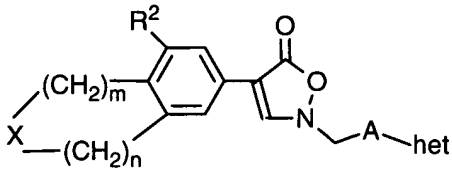
wherein A is O, S or NH and het is isoxazol-3-yl, isoxazol-5-yl, 1,2,4-oxadiazol-3-yl, isothiazol-3-yl, 1,2,4-thiadiazol-3-yl or 1,2,5-thiadiazol-3-yl.

19. (original): A compound of claim 1 which is a compound of formula IC:



IC.

20. (original): A compound of claim 1 which is a compound of formula ID



ID

wherein A is O, S or NH and het is isoxazol-3-yl, isoxazol-5-yl, 1,2,4-oxadiazol-3-yl, isothiazol-3-yl, 1,2,4-thiadiazol-3-yl or 1,2,5-thiadiazol-3-yl.

21. (original): A method for treating microbial infections comprising: administering to a mammal in need thereof an effective amount of a compound of claim 1.

22. (original): The method of claim 21 wherein said compound is administered orally, parenterally, transdermally, or topically.

23. (original): The method of claim 21 wherein said compound is administered in an amount of from about 0.1 to about 150 mg/kg of body weight/day.

24. (original): The method of claim 21 wherein said compound is administered in an amount of from about 3 to about 100 mg/kg of body weight/day.

25. (original): The method of claim 21 wherein said infection is skin infection.

26. (original): The method of claim 21 wherein the infection is eye infection.

27. (original): A pharmaceutical composition comprising the compound of claim 1 and a pharmaceutically acceptable carrier.

28. (original): The method of claim 21 wherein said compound is administered in an amount of 600mg per day by IV or by oral.

29. (original): The method of claim 21 wherein said mammal is human.

Respectfully submitted,

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